

Symbol Function !W ?W

This symbol function allows you to use date calculations relative to a calendar.

This subsection covers the following topics:

- Syntax
- Parameters
- Function
- Return Format

Note:

If the formula has an (even intermediate) result pointing to the 29th February of a non-leap-year, the resolution of the symbol function W will be stopped with an error message.

Syntax

`§ !W<argument-symbol>`

Parameters

Syntax Element	Possible Values	Description
argument-symbol	<formula> [,<edit-mask>] [,<owner>] [,<calendar>]	Symbol containing the four arguments as values. This symbol itself can be composed of symbols. The activation or submission escape character of the invoking active job is in effect.
Formula	<date><period> <point><just-in-period><offset> <unit><point> <just-in-unit>	
date	YYYYMMDD YYMMDD DDMMYYYY DDMMYY	<p>Reference date in the valid Natural date format. MM, DD, [YY]YY can be separated by '/', '-' or '.'.</p> <p>Note: To avoid ambiguous date format interpretations, it is highly recommended to use a 4-digit year format. If a 6-digit date cannot be interpreted uniquely, the symbol function returns with an error message like: <code>040101A / MM is ambiguous</code></p>

Period	A C W M Q S Y	Days Working days Week Month Quarter Semester Year The limits of the date period are only left if <offset>*<unit> is longer (or equal to) the period. If <offset>*<unit> is shorter than the period, but would not match the beginning or end of the period, the first or the last (working) day of the period is returned.
Point	F L S	First day in period or unit. Last day in period or unit. Calculated date in period or unit.
just-in-period	B A	If holiday, before. If holiday, after.
offset		Integer preceded by sign.
unit	Like <period>	Like <period>.
edit-mask	<type><format>	
type	D <date-format> N <number-format> C <name-format>	
date-format		For further information, see the subsection Output Date Formats in the section Symbol Function !D, ?D.
number-format	<unit><period> <supression> <just>	
unit	Like<period>	Number of the <unit> in the <period>. This entails that the specified period must be larger than the unit.
period	Like<period>	
suppress	Z	Suppression of leading zeroes.
just	R L	right justified left justified
name-format	<unit><language><character><length>	
unit	D M	Day Month
language	1 2 nn	English German valid natural language code
character	U L	Name only in upper-case letters. Only first character in upper case.
length		Display length.
owner		Owner of the reference calendar.

calendar		Reference calendar for date calculation. If the formula contains a calendar reference such as C for working day, B for working day before holiday or working day after holiday, the specification of a reference calendar is mandatory.
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Function

Calculation of date values from current date.

Return Format

For further information, see the subsection Output Date Formats in the section Symbol Function !D, ?D.